| Inde | ex of | Claims | ; |
|------|-------|--------|---|
|      |       |        |   |

Application No.

10/625,033

Examiner

Duc Truong

Applicant(s)

BAILON ET AL. Art Unit

1711

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| į | Ν | Non-Elected  |
|---|---|--------------|
|   | ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| С     | laim     |              | Date     |              |              |                    |              |            |              |                 |   |   |  |
|-------|----------|--------------|----------|--------------|--------------|--------------------|--------------|------------|--------------|-----------------|---|---|--|
| Final | Orjginal | 1/8/18/      |          |              |              |                    |              |            |              |                 |   |   |  |
| _     | 1        | 4            | +        | $\top$       | 十            | +                  | +-           | +          | +            | $\top$          | ┪ | ı |  |
|       |          | 1            | 1        | 1            | $\top$       | +                  | +            | +-         | +            | +               | 1 | ı |  |
|       | 3        | $\sqcap$     | T        | T            | 十            | 1                  | 1            | +          | $\top$       | +               | 1 | Ì |  |
|       | 3 4      | $\sqcap$     | T        | T            | T            | $\top$             |              | 1          | 十            | 1               | 1 | Ì |  |
|       | 5        | 11           |          | 1            |              | T                  | T            | T          | 1            | ✝               | 1 | Ì |  |
|       | 6        | 11           | T        | Τ            | ┇            | T                  | 1            | ✝          | 十            | $\top$          | 1 | Ì |  |
|       | 7        | $\Pi$        |          |              |              | $\top$             | $\top$       | $\top$     | 1            | $\top$          | 1 | Ì |  |
|       | 8        | П            | Π        |              | Т            | 7                  | 1            | T          | Т            | T               | 1 | ı |  |
|       | 9        | П            | Г        | Т            | Т            | 1                  |              |            |              | Ī               | 1 | Ì |  |
|       | 10       | П            | Г        | Т            |              |                    |              |            |              |                 | 1 | Ì |  |
|       | 11       | П            |          |              |              |                    |              |            |              | Т               | 1 | 1 |  |
|       | 12       | П            |          |              |              |                    |              | T          |              | T               | 1 | ı |  |
|       | 13       | $\prod$      |          |              | I            | $\Gamma$           | I            |            | Ι            |                 | ] | Ī |  |
|       | 14       | $\prod$      |          | $\Box$       |              | $oxedsymbol{oxed}$ |              |            |              |                 |   | ľ |  |
|       | 15       | $\coprod$    |          |              |              |                    |              |            |              |                 | 1 | ſ |  |
|       | 16       |              | L        | 1_           | L            |                    |              |            |              |                 |   |   |  |
|       | 17       | Ш            | L        | L            |              |                    |              |            |              |                 | ] |   |  |
|       | 18       | Ш            |          |              |              |                    |              | L          |              |                 |   |   |  |
|       | 19       | Ш            |          |              | L            | <u>L</u>           |              |            |              |                 |   | I |  |
| _     | 20       | Ш            | <u></u>  |              | Т.           |                    |              |            |              |                 | ] |   |  |
|       | 21       | Ш            |          | <u> </u>     |              |                    |              |            |              |                 | ] | [ |  |
|       | 22       | Ц            | L        | _            |              |                    |              |            |              |                 |   | I |  |
|       | 23       | Ц            | L        | L            |              | 1_                 | <u></u>      |            |              |                 |   |   |  |
|       | 24       | П            | L        | L.           | ╙            | L                  | _            |            | L            |                 |   | L |  |
|       | 25       | Ц            | L.       | <u> </u>     | 1            |                    |              | L          | $\perp$      | L               |   | L |  |
|       | 26       | Ц            | _        | 1            | ļ.,          | <u> </u>           | L            | 丄          |              |                 |   | L |  |
|       | 27       | Ц            |          |              | _            |                    | _            | $\perp$    | <u> </u>     |                 | ļ | L |  |
|       | 28       | Ш            |          | _            | ┞_           | $\perp$            | $\perp$      |            | 1_           | L               |   |   |  |
|       | 29       | Ш            | L.       | L            | Щ.           | _                  | <u> </u>     | <u> </u>   | $\perp$      | L               |   | L |  |
|       | 30       | Ш            | _        | _            | <u> </u>     | _                  | <u> </u>     |            | _            | ļ               |   | L |  |
|       | 31       | Н            | _        | _            | ╙            | ↓_                 | <u> </u>     | ╙          | ╙            | L               |   | L |  |
|       | 32       | Щ.           | <u> </u> | ┡            | -            | <u> </u>           | _            | <b> </b> _ | L            | _               |   | L |  |
|       | 33       | H            |          | $\vdash$     | $\vdash$     |                    | <b>├</b> -   |            | ├            | ļ               |   | F |  |
|       | 34       | Η,           |          |              | $\vdash$     | ₩                  | -            | $\vdash$   | _            | <u> </u>        |   | 1 |  |
|       | 35       | $\mathbb{H}$ | _        | H            | +-           | -                  | ļ            | ₩          | ļ            | <u> </u>        |   | ŀ |  |
|       | 36       | H            |          | -            | ├            | ├-                 | 1            | ├-         | <del> </del> | <b>├</b> -      |   | ŀ |  |
|       | 37       | Η.           |          | $\vdash$     | $\vdash$     | ├                  | ├-           | L          | $\vdash$     | ├-              |   | F |  |
|       | 38<br>39 | ╟┤           |          | $\vdash$     | ╁            | -                  | ├-           | $\vdash$   | ├-           | ├—              |   | ŀ |  |
|       | 40       | H            |          | -            | $\vdash$     | ⊢                  | ├            | -          | ├            | $\vdash$        |   | ŀ |  |
|       | 41       | H            |          | -            | ⊢            | ├                  | -            | -          | <del> </del> | -               |   | ŀ |  |
|       | 42       | H            |          | <del> </del> | $\vdash$     | -                  | ├-           | $\vdash$   | $\vdash$     | -               |   | 1 |  |
|       | 42       | $\vdash$     |          |              | $\vdash$     | <del> </del> —     | -            | ├          |              | -               |   | H |  |
|       | 44       | Н            |          | $\vdash$     | <del> </del> | $\vdash$           | -            | -          | -            | $\vdash$        |   | H |  |
|       | 45       | H            |          |              | $\vdash$     | ├-                 | $\vdash$     | ├—         |              |                 |   | H |  |
|       | 46       | $\vdash$     |          |              | $\vdash$     | -                  | $\vdash$     |            | $\vdash$     | $\vdash$        |   | H |  |
|       | 47       | ┧            | _        |              |              | -                  | -            | $\vdash$   | $\vdash$     | $\vdash$        |   | H |  |
|       | 48       | H            |          |              | $\vdash$     | -                  | -            | -          | $\vdash$     | $\vdash \vdash$ |   | H |  |
|       | 49       | + 1          | _        | _            |              | $\vdash$           | -            | $\vdash$   | -            | $\dashv$        |   | H |  |
|       | 50       | +            | _        | -            | $\vdash$     | $\vdash$           | <del> </del> |            | Н            |                 |   | H |  |

| CI          |                            | Date              |               |              |              |              |  |          |  |                |  |  |
|-------------|----------------------------|-------------------|---------------|--------------|--------------|--------------|--|----------|--|----------------|--|--|
|             | l l                        | 1                 | F             | Т            | T            | T            | Ť  | Т        | Т  | Т              |  |  |
| <u>a</u>    | Orjginal                   | 15                | 1             | 1            |              |              |  |          |  |                |  |  |
| Final       | <u>:</u> E/                | N.                | 1             |              |              |              |  |          |  | 1              |  |  |
| _           | 0                          | X                 | Ť             |              |              |              | 1  |          |  | 1              |  |  |
|             | 51                         | 1                 | H             | +            | ╁            | +            | ╁  | +        | +  | <del> </del>   |  |  |
|             | 52                         | ††                | H             | +            | ╁            | +            | +  | -        | ╁╌   | +-             |  |  |
|             | 53                         | Ħ                 | <del> -</del> | +-           | ╁            | +-           | ╁  | ╁        | +-   | ╅─             |  |  |
| <u> </u>    | 54                         | ††                | $\vdash$      | +            | $^{+}$       | +-           | ╁  | ┼        | +  | -              |  |  |
| $\vdash$    | 55                         | H                 | -             | +            | +            | +            | ╁  | +        | ╁  | +              |  |  |
| <del></del> | 56                         | H                 | ┢             | +            | +-           | +            | +  | +        | ╁  | +              |  |  |
| <u> </u>    | 57                         | Ħ                 | 1-            | +-           | +            | +            | ╁  | +        | ╁╌   | +              |  |  |
|             | 58                         | Ħ                 |               | †            | +            | +            | +  | +        | t  | 1              |  |  |
| <u> </u>    | 59                         | $^{\dagger}$      |               | ╁╴           | ╁            | 十            | +  | +        | ╅╌   | $\vdash$       |  |  |
| <u> </u>    | 60                         | H                 |               | t            | +-           | +            | +  | t        | +-   | +-             |  |  |
|             | 61                         | $\dagger \dagger$ |               | 1            | ╁╴           | +            | +  | †-       | +  | 1              |  |  |
|             | 62                         | +                 | $\vdash$      | ✝            | +            | +            | +-   | +        | $\vdash$   |                |  |  |
|             | 63                         | #                 | -             | T            | ╁╌           | †            | ╁  | t        | T  | 1-1            |  |  |
|             | 64                         | Ħ                 | -             | ╁            | ╁            | +-           | +  | ╁┈       | +  | Н              |  |  |
|             | 64<br>65                   | T                 | Н             | T            | ╁            | †-           | t  | †        | +  | 1-             |  |  |
|             | 66                         | †                 |               | 1-           | +            | T            | +-   | +        | +-   | 11             |  |  |
|             | 67                         | 4                 |               | † · · ·      | T            | $t^-$        | +-   | +        | $\vdash$   | ╁╌╏            |  |  |
|             | 68                         | 7                 | -             | t            | ╁╴           | +-           | +-   | $\vdash$ | +  | $\vdash$       |  |  |
|             | 68<br>69                   | -                 | _             | 1            | T            | T            | <b>†</b>   | $t^-$    | t  | $\vdash$       |  |  |
|             | 70                         |                   |               |              | t            |              | 1  | T        | †  | ${}^{\dagger}$ |  |  |
|             | 71                         | $\vdash$          |               |              | T            | t            |  |          | <del>                                     </del> | $\Box$         |  |  |
|             | 71<br>72<br>73             |                   |               |              |              |              | Т  | T        | T  |                |  |  |
|             | 73                         |                   |               | Π            | T            | 1            |  |          |  |                |  |  |
|             | 74<br>75<br>76<br>77<br>78 |                   |               |              |              |              |  |          |  |                |  |  |
|             | 75                         |                   |               | ļ            | _            | $oxed{oxed}$ | ╙  | <u> </u> | <u> </u>   | Ш              |  |  |
|             | 76                         |                   |               | ╙            | ┞-           | _            | -  | <u> </u> | ┞_   | Ш              |  |  |
|             | 77                         | Н                 |               | ļ            | ⊢            | ╁—           | 1  | ├_       | ↓  | Н              |  |  |
|             | 78                         | Н                 | _             |              | ├-           | ├-           | -  | -        | ⊢  | -              |  |  |
|             | 79<br>80                   | $\vdash$          |               | <del> </del> | ┼            | <u> </u>     |  | ┢        | <del> </del>                                     | $\vdash$       |  |  |
|             | 81                         | Н                 |               | ├            |              | -            | H  | ┢        | -  | Н              |  |  |
|             | 82                         | Н                 | -             | -            | ╁            | $\vdash$     | -  | $\vdash$ |  | H              |  |  |
|             | 83                         | -                 |               |              | -            | ┝            | ├  | $\vdash$ | ⊢  | $\vdash$       |  |  |
|             | 84                         | H                 |               |              | <del> </del> | -            | <del>                                     </del> |          | _  | Н              |  |  |
|             | 85                         |                   |               | -            | $\vdash$     |              | ┢  | -        | _  | Н              |  |  |
|             | 86                         | _                 |               |              | ╁╴           | H            | T  |          |  |                |  |  |
|             | 87                         |                   |               |              |              |              |  |          | -  |                |  |  |
|             | 88                         |                   |               |              |              |              |  |          |  |                |  |  |
|             | 89                         |                   |               |              |              |              |  |          |  |                |  |  |
|             | 90                         |                   | _             | Γ            |              |              | Г  |          |  | П              |  |  |
|             | 91                         |                   |               |              |              |              |  |          |  |                |  |  |
|             | 92                         |                   |               |              |              |              |  |          |  |                |  |  |
|             | 93                         | $\perp$           |               | _            |              |              | L  |          |  |                |  |  |
|             | 94                         | _                 |               |              |              | Ш            |  |          |  |                |  |  |
|             | 95                         | _ļ                | _             |              | <u> </u>     |              | _  |          |  |                |  |  |
|             | 96                         | _                 | _             |              |              | L            |  |          |  |                |  |  |
|             | 97                         |                   | _             |              | Щ            | Щ            | Щ  |          |  |                |  |  |
|             | 98                         | _                 |               |              | _            |              | Ш  | Ш        |  | _              |  |  |
|             | 99                         | $\perp$           |               |              |              |              |  |          |  |                |  |  |

| CI           | aim               | Τ          |  |              |  | Dat             | te   | -  |                | -            |
|--------------|-------------------|------------|--|--------------|--|-----------------|--|--|----------------|--------------|
|              |                   | Γ          |  |              | -  | Т               | Т  | Τ  | T              | Τ            |
| Final        | Original          |            |  |              |  |                 |  |  |                |              |
|              | 101               |            |  |              | T  |                 |  |  |                |              |
|              | 102<br>103        |            |  |              |  | L               |  |  | L              |              |
|              | 103               | <u>L</u> . | _  | ┸            |  | 1               | ļ.,  | _  | ↓_             |              |
|              | 104               | ╙          | ↓_   | 1            | _  | 4               | ļ  | ┺  | 1_             | <u> </u>     |
| <u> </u>     | 105               | L          | -  | +            | ╀  | ┼               | <del> </del>                                     | ↓_   | 1              | <u> </u>     |
| -            | 106<br>107        |            | ╂  | 1-           | ╂  | 4               | $\vdash$   | ├  | ╀              | -            |
| <u> </u>     | 107               | -          | ╁╌   | ╆            | ╁  | ┿               | ┼  | ╁  | ┢              | ╆            |
| <del> </del> | 109               | H          | ╁  | +-           | ╁  | ╁╌              | ╁╌   | ╁  | ╁╌             | <del> </del> |
|              | 110               | ┢╾         | ╁  | +            | ╁╌   | ╁╴              | ╁╌   | ╁╴   | <del> </del>   | $\vdash$     |
|              | 111               | ╁╌         | ╆  | 十            | +  | +               | <u> </u>   | ┢  | <del>  -</del> | $\vdash$     |
|              | 112               | <u> </u>   | <del>                                     </del> | 1            | T  | 1-              | 1  | $\vdash$   | t              | <del> </del> |
|              | 113               |            |  |              | Т  | $\top$          | 1  | T  | ╁╴             |              |
|              | 114               |            |  | Т            |  |                 | T  |  | Γ              |              |
|              | 115               |            |  |              |  |                 |  |  |                |              |
| <u> </u>     | 116               | L.         | L  |              |  |                 | <u> </u>   |  |                |              |
|              | 117               | <u> </u>   | ļ  | _            | <u> </u>   |                 |  | L  | <u> </u>       |              |
|              | 118               |            | <u> </u>   | _            | ┞  | <u> </u>        | Ļ  | L  | <u> </u>       | Ш            |
|              | 119               | <u> </u>   | _  | ├-           | <u> </u>   | 1               | <u> </u>   | <u> </u>   | <u> </u>       | <u> </u>     |
|              | 120               | _          | ├  | <del> </del> | ╄  | ╄               | <u> </u>   | ļ  | <u> </u>       | <u> </u>     |
| $\vdash$     | 121<br>122        |            | ⊢  | ⊢            | ├-   | ╄               | <u> </u>   | ┡  | -              | Н            |
| <b></b>      | 122               |            | ├  | ⊢            | ⊢  | -               | ╁  | <del> </del>                                     |                | Н            |
|              | 123<br>124        | _          | -  | ┢            | ╁  | ╫               | ├-   | -  | ⊢              |              |
| <del></del>  | 125               |            | ┢╌   | $\vdash$     | $\vdash$   | ╁               | -  |  | -              | $\vdash$     |
|              | 126               |            |  | †—           | ┞  | 1               | <del>                                     </del> | H  | -              | $\vdash$     |
|              | 127               |            |  |              |  | 1-              | $\vdash$   | -  |                | Н            |
|              | 126<br>127<br>128 |            |  | T            |  | T               | r  | <del>                                     </del> |                | Н            |
|              | 129               | •          |  |              |  |                 | П  |  |                | П            |
|              | 130               |            |  |              |  |                 |  |  |                |              |
|              | 131               |            | L  |              |  |                 |  |  |                |              |
|              | 132               |            |  |              | L  | <u> </u>        | _  |  | <u> </u>       | Ш            |
|              | 133               |            | L.   |              | <u> </u>   | _               | _  | <u> </u>   | <u> </u>       | Ш            |
|              | 134               |            | <u> </u>   | _            | <u> </u>   | <del> </del> _  | <u> </u>   | <u> </u>   | ļ              | Ш            |
|              | 135<br>136        | _          |  | ⊢            | <del> </del>                                     | <del> </del>    | -  | -  |                | Н            |
|              | 137               |            |  |              |  | ╌               | <u> </u>   | _  | _              | Н            |
|              | 137<br>138        |            |  |              |  | ┢               | -  | -  |                | $\dashv$     |
| $\neg$       | 139               |            |  |              | <del> </del>                                     | -               |  | -  | _              | Н            |
|              | 140               | _          |  |              | <del>                                     </del> |                 |  |  |                | $\vdash$     |
|              | 141               |            |  |              | $\vdash$   |                 | _  |  | -              |              |
|              | 142               |            |  |              |  |                 |  |  |                |              |
|              | 143               |            |  |              |  |                 |  |  |                |              |
|              | 144               |            |  |              |  |                 |  |  |                |              |
|              | 145               |            |  |              |  | L               |  |  |                |              |
|              | 146               | _          | _  |              |  | Ш               |  | _  |                | $\sqcup$     |
| $\dashv$     | 147               | _          | _  |              |  | Ы               |  | _  | _              | $\Box$       |
|              | 148               | -          |  |              |  | $\vdash \vdash$ | $\dashv$   | _  |                | $\dashv$     |
|              | 149<br>150        |            | -  | $\dashv$     |  | $\vdash$        |  | -  |                | $\dashv$     |
|              | 120 [             |            |  |              |  |                 |  |  | !              |              |